

## WHAT IS CLAIMED IS:

1. A method for reducing the average number of insemination administrations per  
5 herd comprising the step of administering to the herd native or extended semen with a  
simultaneous or sequential administration of prostaglandin.
2. The method according to claim 1 wherein said herd is a herd of sows, cows,  
horses, sheep, goats or deer.
- 10 3. The method according to claim 2 wherein said herd is a herd of sows.
4. The method according to claim 1 wherein the number of administrations to  
achieve a herd pregnancy rate of at least 80% is reduced by 20 to 80% as compared to  
15 the number of administrations required where no prostaglandin is administered.
5. The method according to claim 1 wherein the prostaglandin is  $\text{PGF}_{2\alpha}$ .
6. The method according to claim 1 wherein said prostaglandin is simultaneously  
20 or sequentially added with the semen required for insemination.
7. The method according to claim 6 wherein the prostaglandin is included with  
native semen, extended semen or with a semen extender.
- 25 8. The method according to claim 1 comprising the additional step of administering  
an antibiotic to the members of the herd.
9. A composition of matter comprising:
- 30 (a) native semen, extended semen or a semen extender;
- (b) one or more prostaglandins; and

(c) one or more antibiotics.

10. The composition according to claim 9 wherein (b) is prostaglandin  $F_{2\alpha}$  and (c) is either ceftiofur, LINCOMYCIN, SPECTINOMYCIN or mixtures thereof.

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11. The composition according to claim 10 wherein (a) is a semen extender.

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098975-070301